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TITLE: Polymer film for copying hologram program and
manufacturing method thereof

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PATENT-FAMILY:

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2001053913A

BASIC-ABSTRACT:

NOVELTY - A polymer film for copying a hologram program is provided to facilitate the embossing of hologram image by forming a hologram receiver layer.

DETAILED DESCRIPTION - An amorphous sheet of one-axis or two-axis orientation polymer base layer is made of one selected from a group including polyester, cellulose triacetate, polyimide, polycarbonate and polysulphone.

Methylacrylate 15 weight part and ethylacrylate 85 weight part are copolymerized to obtain an acryl emulsion resin with a glass transition temperature of 25deg.C. The acryl emulsion resin 2 to 4wt% is dispersed into water to obtain a distribution solution with a viscosity of at most 6cps. The distribution solution is coated on at least one surface of the amorphous sheet with a thickness of 0.1 to 1.0 micrometers. The amorphous sheet is one-axis or two-axis elongated.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: POLYMER FILM COPY HOLOGRAM PROGRAM MANUFACTURE
METHOD

DERWENT-CLASS: A89 G06 P84 V07